PTO/SB/21 (02-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it displays a valid OMB control number. are required to respond to **Application Number** 09/777,368 SMITTAL Filing Date February 5, 2001 **FORM** First Named Inventor Andy C. Neilson Art Unit 1743 (to be used for all correspondence after initial filing) **Examiner Name** Jeffrey R. Snay Attorney Docket Number ESII 303

| | in Number of Pages in This Submission | | | | | | |
|---|---|--|---------------------------------------|--|---------------------------------------|--|--|
| | ENCLOSURES (Check all that apply) | | | | | | |
| x | Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 | Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks | After to T App of A App (App (App Pro | echnolopeal Con Appeals Deal Con Peal Not prietary | osure(s) (please | | |
| · · · · · | SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | | | |
| Firm or Individual name James R. Abney, Esq. Kolisch Hartwell, P.C. Signature Date August 3, 2004 | | | | | | | |
| CERTIFICATE OF TRANSMISSION/MAILING | | | | | | | |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | | | | | |
| Typed | or printed name Renee Knigh | ıt | | | · · · · · · · · · · · · · · · · · · · | | |
| Signatu | ure (10 MW | Curl | | Date | August 3, 2004 | | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

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| FEE | TR | AN | SMIT | TAL |
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| | for | FY | 2004 | , |

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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| Complete if Known | | | | | |
| Application Number | 09/777,368 | | | | |
| Filing Date | February 5, 2001 | | | | |
| First Named Inventor | Andy C. Neilson | | | | |
| Examiner Name | Jeffrey R. Snay | | | | |
| Art Unit | 1743 | | | | |
| Attorney Docket No. | FSII 303 | | | | |

| METHOD OF PAYMENT (check all that apply) | | | FEE CALCULATION (continued) | | | | | | |
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| Deposit Account: | | | <u>Large</u> | | Small | Entity | | | |
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| Deposit Account | Ko | lisch Hartwell, P.C | | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or | |
| Name | | | | 1053 | 130 | 1053 | 130 | cover sheet Non-English specification | |
| | | o: (check all that apply) elow Credit any o | | | 2,520 | | | For filing a request for ex parte reexamination | |
| i= • | (s) indicated b | e(s) or any underpayment of | | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to | |
| _ | | elow, except for the filing | | | | | | Examiner action | |
| to the above-id | • • | | , iee | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | FEE (| CALCULATION | | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC F | | | | 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| Large Entity | Small Entity | | | 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| | Fee Fee Code (\$) | Fee Description | Fee Paid | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| | 2001 385 | Utility filing fee | | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1002 340 | 2002 170 | Design filing fee | | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1003 530 | 2003 265 | Plant filing fee | | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1004 770 | 2004 385 | Reissue filing fee | | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1005 160 | 2005 80 | Provisional filing fee | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 0.00 | | | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | Y. | |
| 2 EVTDA | | | | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | | om | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| Total Claims | 35 -74 | Extra Claims below # = 0 x 18.00 | | 1502 | 480 | 2502 | 240 | Design issue fee | |
| Independent | 02 -05 | | === | 1503 | 640 | 2503 | 320 | Plant issue fee | |
| Claims Multiple Deper | | | === | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| | | [290.00 | 0.00 | 1807 | 50 | 1807 | 7 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Fee Fee | Small Entity Fee Fee | L Fee Description | | 1806 | 180 | 1806 | | Submission of Information Disclosure Stmt | |
| Code (\$) | Code (\$) | | | 8021 | 40 | 802 | 1 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 | | 9 Claims in excess of 20 | | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection | |
| 1201 86 | 2201 4 | | | | | | | (37 CFR 1.129(a)) | |
| 1203 290 1204 86 | 2203 14 2204 4 | | | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1204 00 | 4204 4 | over original patent | n ciaiiis | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1205 18 | 2205 | ** Reissue claims in ex and over original pat | | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| | SII | BTOTAL (2) (\$) | 0.00 | Other | fee (sp | ecify) _ | | | |
| **or number | | id, if greater; For Reissues | | *Redu | ced by | Basic I | Filing F | ee Paid SUBTOTAL (3) (\$) 0.00 | |

SUBMITTED BY

Name (Print/Type)

James R. Abney, Esq.

Registration No. (Attornev/Agent)

August 3, 2004

Complete (if applicable))

Telephone (503) 224-6655

Date August 3, 2004

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In re Application of

ANDY C. NEILSON and JAY S. TEICH

Date: August 3, 2004

Serial No. :

09/777,368

Examiner Jeffrey R. Snay

Filed

February 5, 2001

Group Art Unit 1743

For

APPARATUS AND METHODS FOR

INFRARED CALORIMETRIC MEASUREMENTS

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

In response to the restriction requirement dated July 13, 2004, applicants hereby provide an election of invention, and request that the above-identified patent application be amended as follows:

| Amendments to the Specification | None |
|---------------------------------|-----------------|
| Amendments to the Claims | Begin on page 2 |
| Amendments to the Drawings | None |
| Remarks | Begin on page 9 |